

ABSTRACT OF THE DISCLOSURE

A test meter for digital CATV systems is operative to analyze digital CATV signals or channels utilizing selectable signal conditioning circuits, depending on the format of the CATV signal under test. The test meter is thus operative to analyze digital CATV signals transmitted according to various international digital standards. In one form, the signal conditioning circuits include SAW filters for particular bandwidths according to the digital signal standard of the particular CATV system. The SAW filters correspond to the bandwidths associated with a particular digital signal standard. Once the signal conditioning circuit has been selected, an output of a corresponding filter is input to a digital decoder circuit such as a QAM decoder. The QAM decoder is operative to decode all three (3) international QAM standards in accordance with ITU-T J.83 for digital signals. The test meter is operative to analyze various signal parameters and is preferably under control of a processing unit and a graphical user interface.